

CLAIMS LISTING

The claims in this listing will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) An Internet camera that captures images of an object and ~~transmitting~~ transmits image data to a predetermined site on the Internet, comprising:

an image capturing device that captures images and converts the captured images into digital data;

a storage device that stores digital data corresponding to the captured images in a form of image data files, respectively;

a memory that stores schedule data which includes a plurality of schedule scripts;

a network interface connected to the Internet;

a data transfer client that controls the network interface to transfer the image data file to said predetermined site on the Internet;

a schedule merging device that merges said plurality of schedule scripts into a merged schedule; and

a controller that controls said image capturing device to capture images in accordance with the merged schedule, and controls said data transfer client to transfer the image data file corresponding to the captured image in accordance with the merged schedule to said predetermined site.

2. (Original) The Internet camera according to claim 1, wherein said schedule merging

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device assigns priorities to said plurality of schedule scripts, respectively, procedures defined by a schedule script having a higher priority being executed if two or more schedule scripts overlap.

3. (Original) The Internet camera according to claim 1, wherein each of said plurality of schedule scripts includes:

a start time and an end time, between which the images are to be captured and the image data files are to be transferred; and

a designation of days of a week, on which the images are to be captured and the image data files are to be transferred.

4. (Original) The Internet camera according to claim 3, wherein each of said plurality of schedule scripts further includes an interval, at every occurrence of which an image is to be captured and an image data file is to be transferred.

5. (Currently Amended) An Internet camera that captures images of an object and ~~transmitting~~ transmits image data to a predetermined site on the Internet, comprising:

an image capturing device that captures images and converts the captured images into digital data;

a storage device that stores digital data corresponding to the captured images in a form of image data files, respectively;

a memory that stores schedule data which includes a plurality of schedule scripts;

a schedule merging device that merges said plurality of schedule scripts into a merged schedule; and

a controller that controls said image capturing device to capture images in accordance with the merged schedule.

6. (Original) The Internet camera according to claim 5, wherein said schedule merging device assigns priorities to said plurality of schedule scripts, respectively, procedures defined by a schedule script having a higher priority being executed if two or more schedule scripts overlap.

7. (Original) The Internet camera according to claim 5, wherein each of said plurality of schedule scripts includes:

a start time and an end time, between which the images are to be captured; and
a designation of days of a week, on which the images are to be captured.

8. (Original) The Internet camera according to claim 7, wherein each of said plurality of schedule scripts further includes an interval, at every occurrence of which an image is to be captured.

9. (Currently Amended) An Internet camera that captures images of an object to store image data corresponding to the captured images and ~~transmitting~~ transmits the stored image data to a predetermined site on the Internet, comprising:

a memory that stores schedule data which includes a plurality of schedule

scripts;

a network interface connected to the Internet;

a data transfer client that controls the network interface to transfer the stored image data to a predetermined site on the Internet;

a schedule merging device that merges said plurality of schedule scripts into a merged schedule; and

a controller that controls said data transfer client to transfer the stored image data in accordance with the merged schedule to said predetermined site.

10. (Original) The Internet camera according to claim 9, wherein said schedule merging device assigns priorities to said plurality of schedule scripts, respectively, procedures defined by a schedule script having a higher priority being executed if two or more schedule scripts overlap.

11. (Original) The Internet camera according to claim 9, wherein each of said plurality of schedule scripts includes:

a start time and an end time, between which the stored image data is to be transferred; and

a designation of days of a week, on which the stored image data is to be transferred.

12. (Original) Then Internet camera according to claim 11, wherein each of said plurality of schedule scripts further includes an interval, at every occurrence of which the

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stored image data is to be transferred.

13. (Currently Amended) An Internet camera that captures images of an object and ~~transmitting~~ transmits image data to a predetermined site on the Internet, comprising:

a memory that stores schedule data which includes a plurality of schedule scripts;

a network interface connected to the Internet;

a data transfer client that controls the network interface to transfer the image data to a predetermined site on the Internet;

a schedule merging device that merges said plurality of schedule scripts into a merged schedule; and

a controller that controls said data transfer client to transfer the image data in accordance with the merged schedule to said predetermined site.

14. (New) The Internet camera according to claim 1, further comprising a hand-operable input device configured to change the schedule data based on manual input.

15. (New) The Internet camera according to claim 5, further comprising a hand-operable input device configured to change the schedule data based on manual input.

16. (New) The Internet camera according to claim 9, further comprising a hand-operable input device configured to change the schedule data based on manual input.

17. (New) The Internet camera according to claim 13, further comprising a hand-operable input device configured to change the schedule data based on manual input.

18. (New) An Internet camera for capturing images and transmitting image data to a site on the Internet, comprising:

- an image capturing device configured to capture images and convert the captured images into digital data;

- a storage device configured to store digital data corresponding to the respective captured images as image data files;

- a memory configured to store schedule data including a plurality of schedule scripts having at least first and second schedule scripts, the first schedule script specifying a first capture time or transfer time extending through a final hour of a first day of the week, and the second schedule script specifying a second capture time or transfer time extending from a start of a first hour of a second day of the week consecutively following the first day of the week;

- a network interface connected to the Internet;

- a data transfer client configured to control the network interface to transfer the image data file to the site on the Internet;

- a schedule merging device configured to merge the plurality of schedule scripts into a merged schedule, the merged schedule specifying at least the first and second capture or transfer times such that the first and second capture or transfer times occur consecutively across a boundary between the first and second days of the week; and

a controller configured to control the image capturing device to capture images in accordance with the merged schedule, and configured to control the data transfer client to transfer the image data file corresponding to the captured image in accordance with the merged schedule to the site on the Internet.

19. (New) The Internet camera according to claim 18, further comprising a hand-operable input device configured to change the schedule data based on manual input.

20. (New) An Internet camera for capturing images and transmitting image data to a site on the Internet, comprising:

an image capturing device configured to capture images and convert the captured images into digital data;

a storage device configured to store digital data corresponding to the respective captured images as image data files;

a memory configured to store schedule data including a plurality of schedule scripts having at least first and second schedule scripts, the first schedule script specifying a first interval corresponding to a first period for capture or transfer of image data, the second schedule script specifying a second interval corresponding to a second period for capture or transfer of image data, the second period overlapping the first period along an overlap period, and the first schedule script having a higher priority than the second schedule script;

a network interface connected to the Internet;

a data transfer client configured to control the network interface to transfer the

image data file to the site on the Internet;

a schedule merging device configured to merge the plurality of schedule scripts into a merged schedule; and

a controller configured to control the image capturing device to capture images in accordance with the merged schedule, and configured to control the data transfer client to transfer the image data file corresponding to the captured image in accordance with the merged schedule to the site on the Internet,

wherein either the first and second intervals differ, the first and second periods differ, or the first and second intervals and periods both differ, and

wherein the merged schedule specifies the first interval within the overlap period, excluding the second interval from the overlap period.

21. (New) The Internet camera according to claim 20, further comprising a hand-operable input device configured to change the schedule data based on manual input.

22. (New) An Internet camera for capturing images and transmitting image data to a site on the Internet, comprising:

an image capturing device configured to capture images and convert the captured images into digital data;

a storage device configured to store digital data corresponding to the respective captured images as image data files;

a memory configured to store schedule data including a plurality of schedule scripts for capturing images;

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a network interface connected to the Internet;

a data transfer client configured to control the network interface to transfer the image data file to the site on the Internet;

a schedule merging device configured to merge the plurality of schedule scripts for capturing images into a merged schedule for capturing images; and

a controller configured to control the image capturing device to capture images in accordance with the merged schedule for capturing images.

23. (New) The Internet camera according to claim 22, further comprising a hand-operable input device configured to change the schedule data based on manual input.

24. (New) An Internet camera for capturing images and transmitting image data, comprising:

an image capturing device configured to capture images and convert the captured images into digital data;

a storage device configured to store digital data corresponding to the respective captured images as image data files;

a memory configured to store schedule data including a plurality of schedule scripts;

a schedule merging device configured to merge the plurality of schedule scripts into a merged schedule; and

a controller configured to control the image capturing device to capture images in accordance with the merged schedule.

25. (New) The Internet camera according to claim 24, wherein the schedule merging device assigns a respective priority to each of the plurality of schedule scripts.

26. (New) The Internet camera according to claim 24, wherein each of the plurality of schedule scripts respectively includes:

a start time and an end time, between which the images are to be captured; and
a designation of at least one day of the week, on which the images are to be captured.

27. (New) The Internet camera according to claim 26, wherein each of the plurality of schedule scripts further respectively includes an interval, at every occurrence of which an image is to be captured.

28. (New) The Internet camera according to claim 24, further comprising a hand-operable input device configured to change the schedule data based on manual input.